

Fig. 1

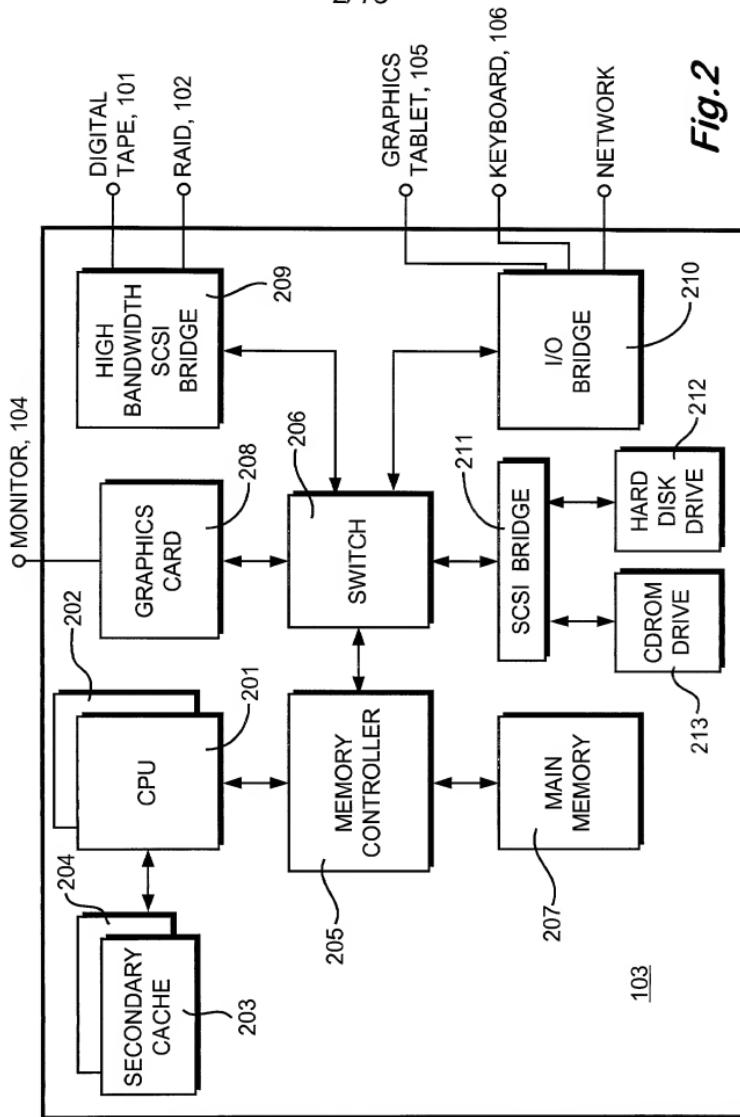
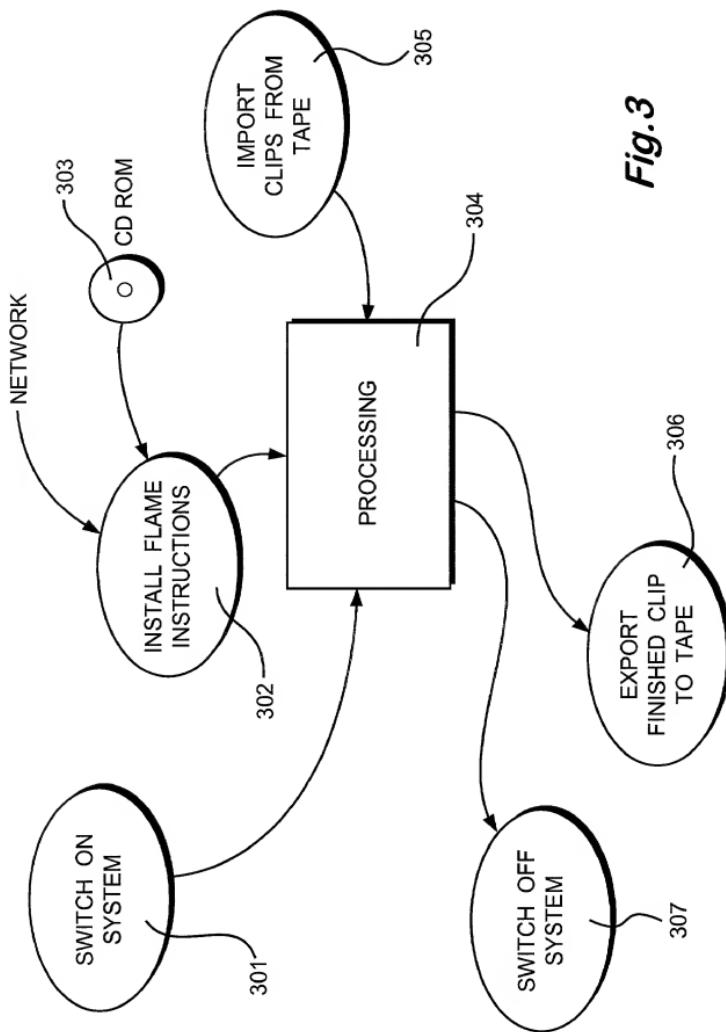
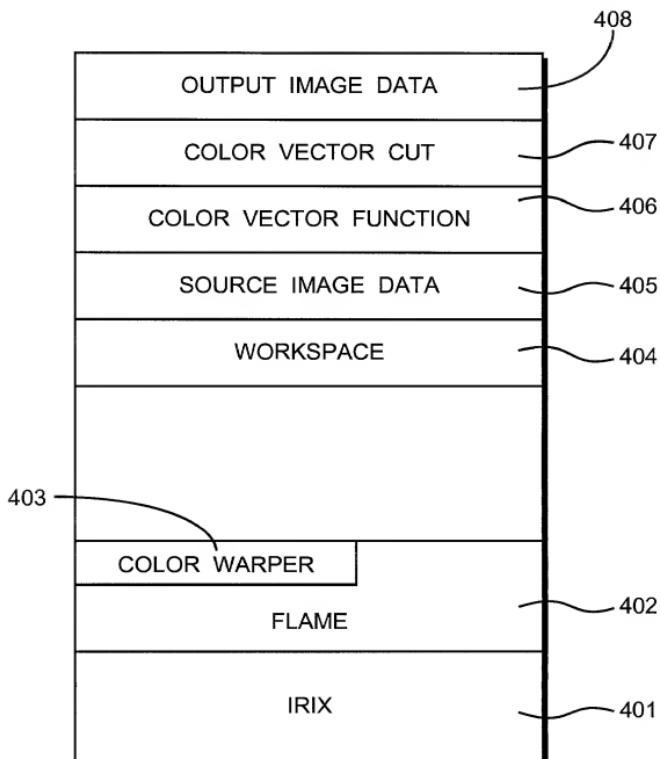


Fig.2





*Fig.4*

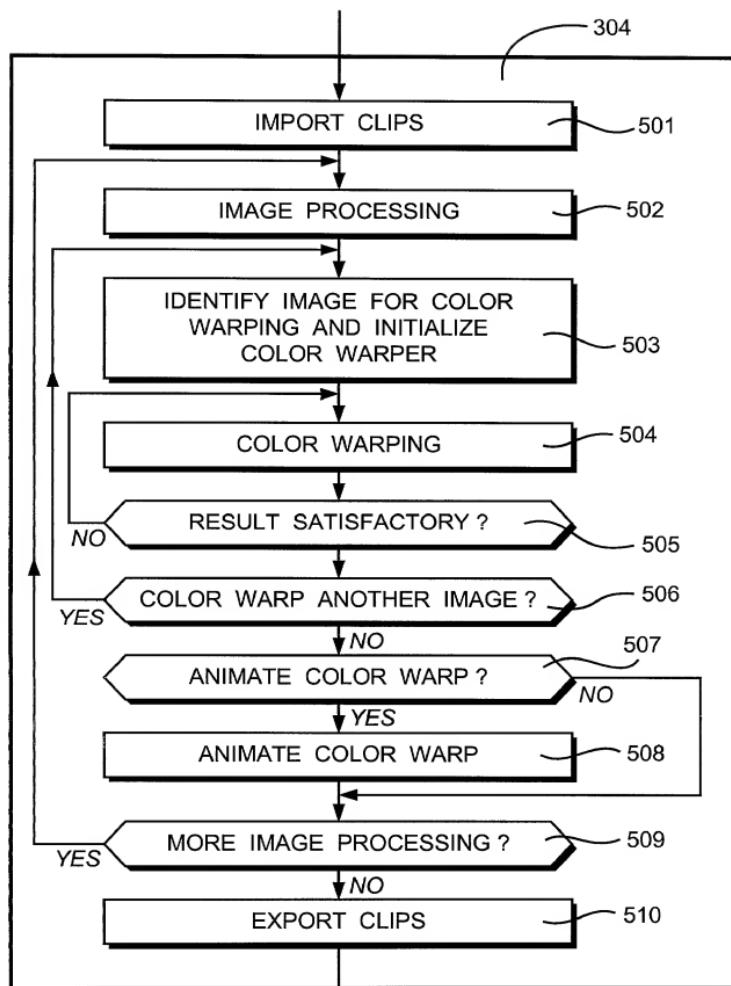
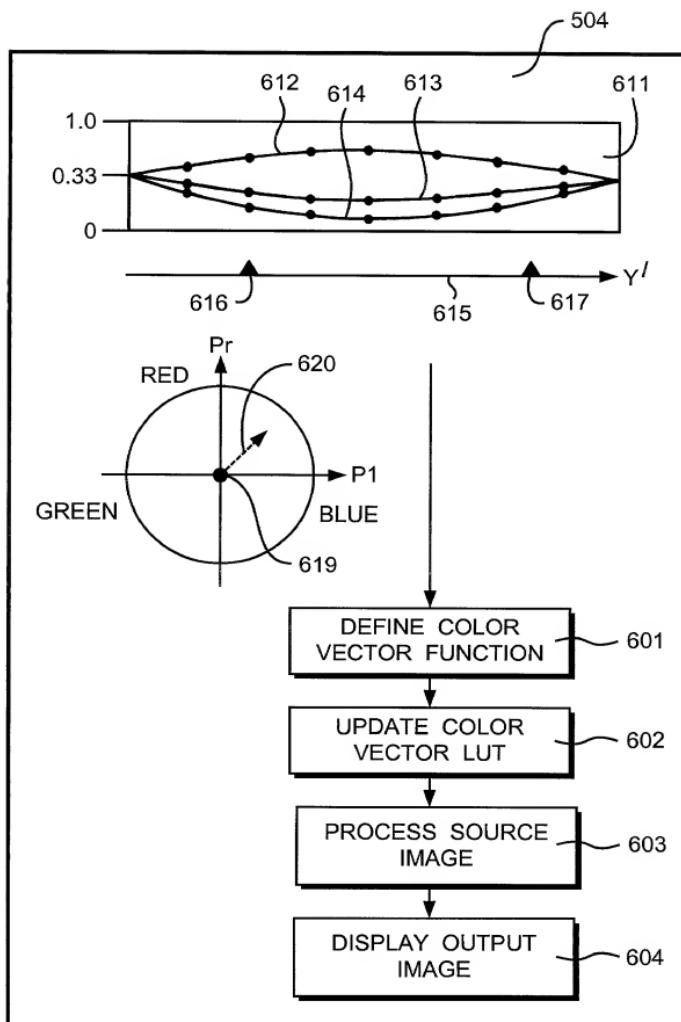
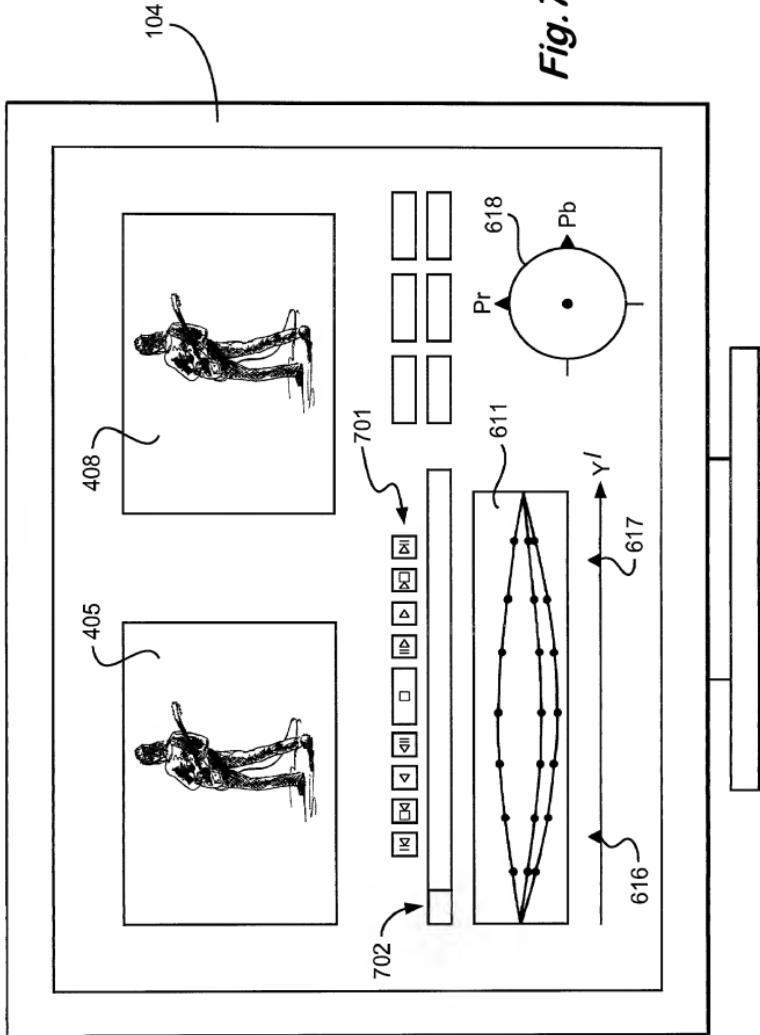


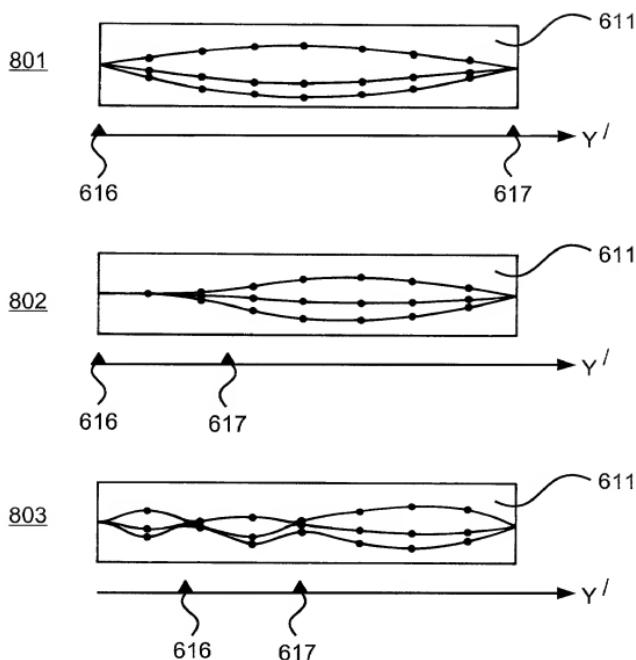
Fig.5



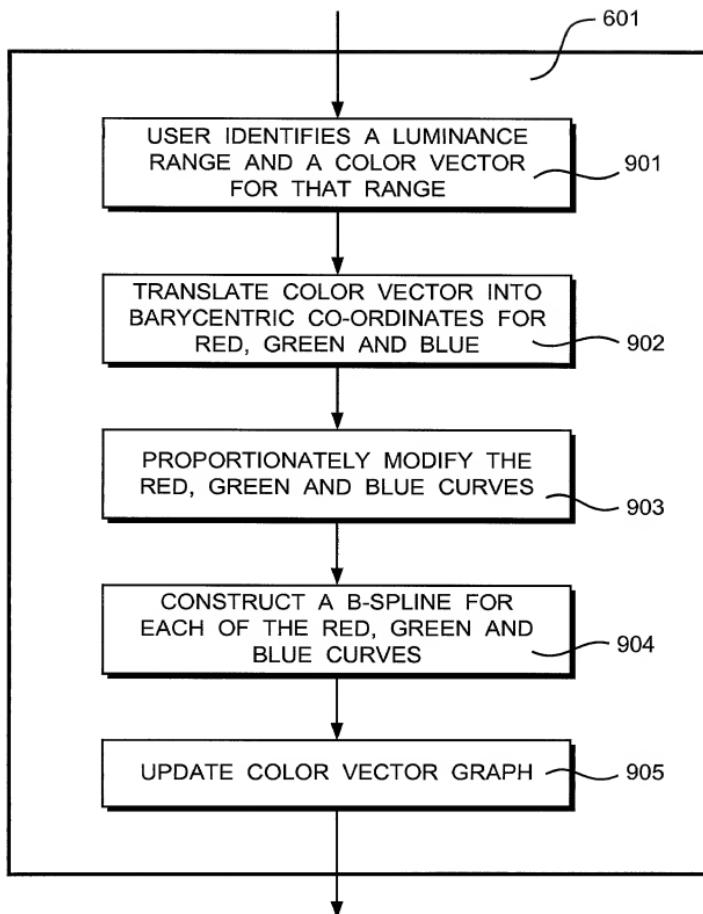
*Fig.6*

Fig. 7





*Fig.8*



*Fig.9*

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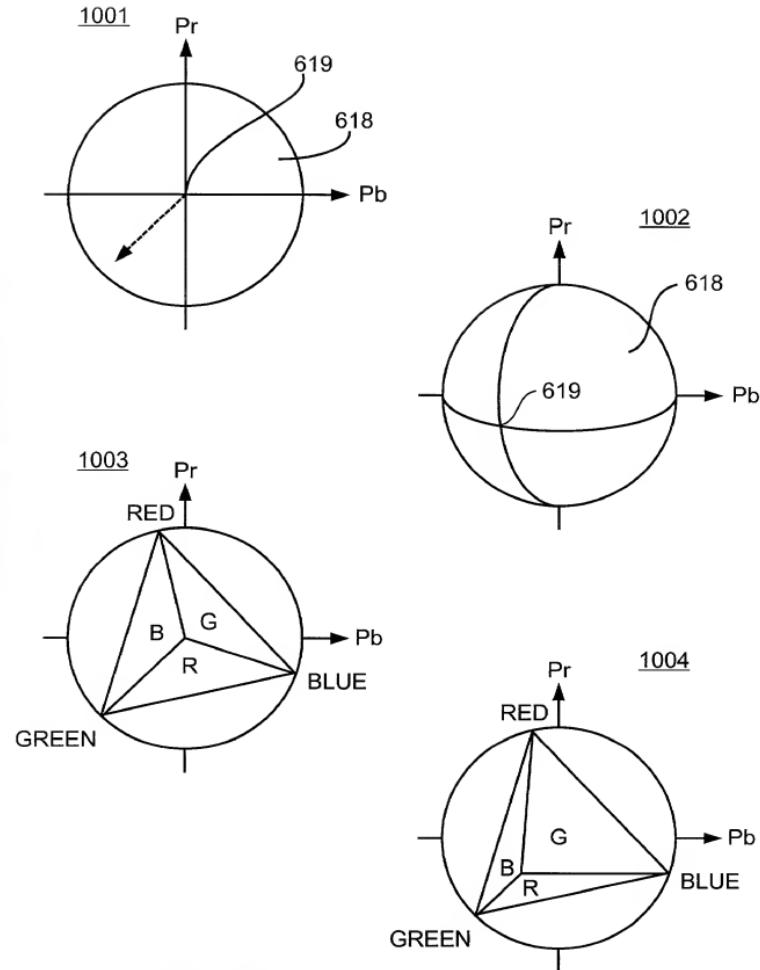


Fig. 10

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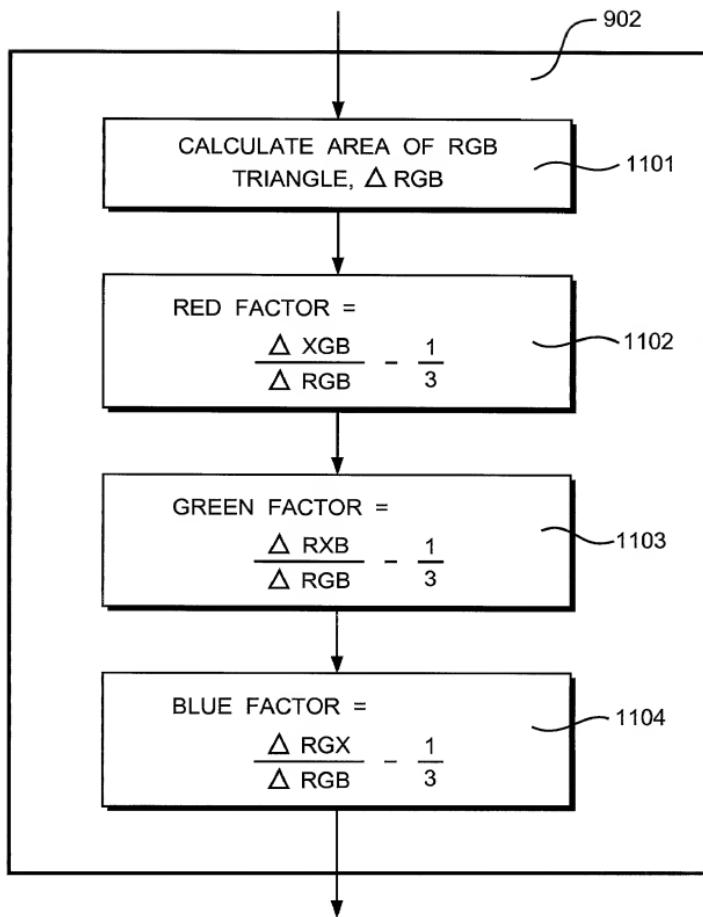


Fig. 11

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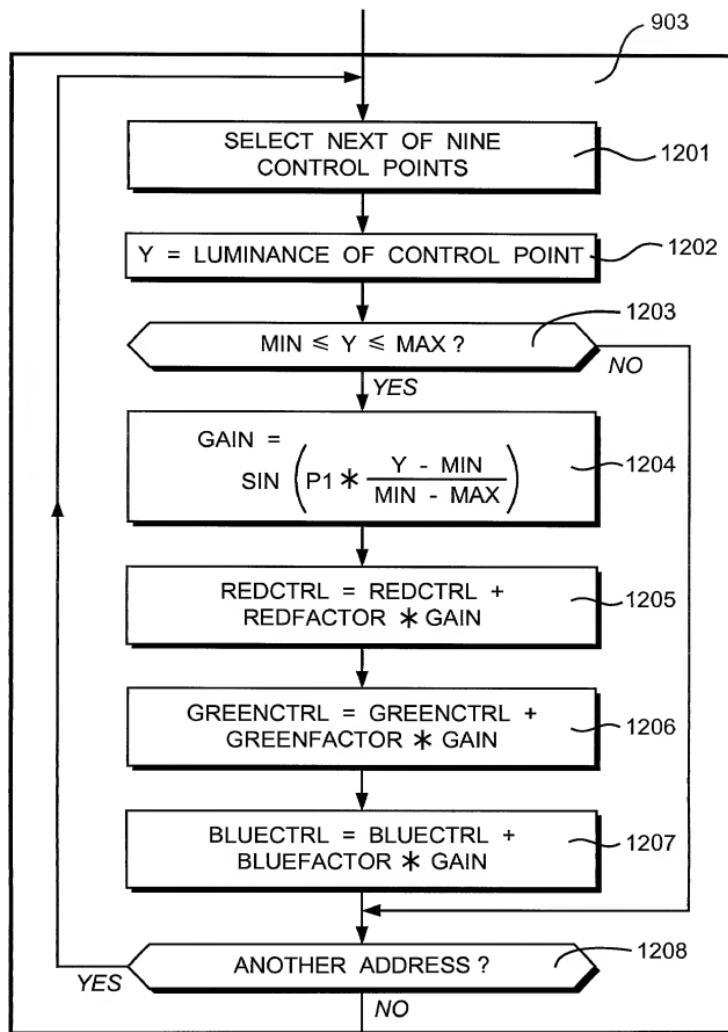


Fig. 12

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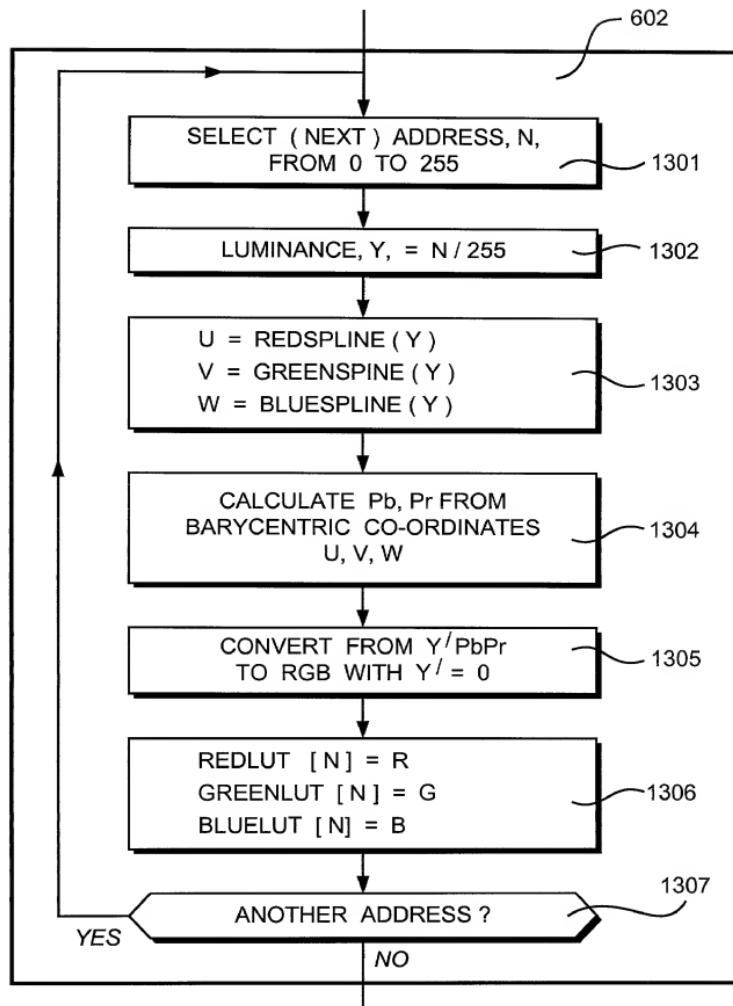
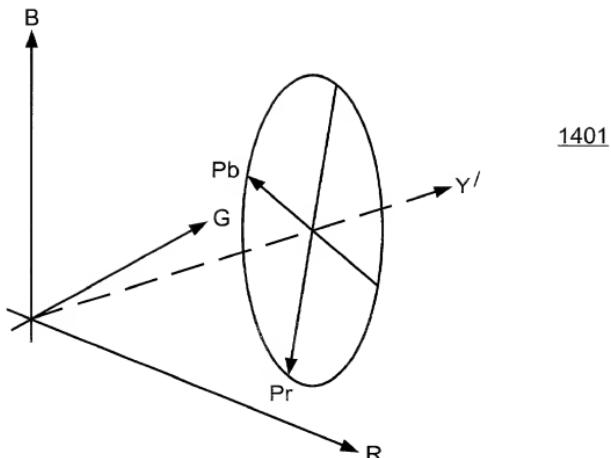


Fig. 13

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$$Y' = 0.299N R + 0.587 G + 0.114 B$$

$$Pb = -0.169 R - 0.331 G + 0.5 B$$

$$Pr = 0.5 R - 0.419 G - 0.081 B$$

1402

MATRIX 'A' TRANSFORMS RGB TO  $Y'/Pb\ Pr$

MATRIX ' $A^{-1}$ ' TRANSFORMS  $Y'/Pb\ Pr$  TO RGB

$$\text{RGB BLACK} = (0, 0, 0); Y'/Pb\ Pr \text{ BLACK} = (0, 0, 0)$$

$$\text{RGB WHITE} = (1, 1, 1); Y'/Pb\ Pr \text{ WHITE} = (1, 0, 0)$$

*Fig. 14*

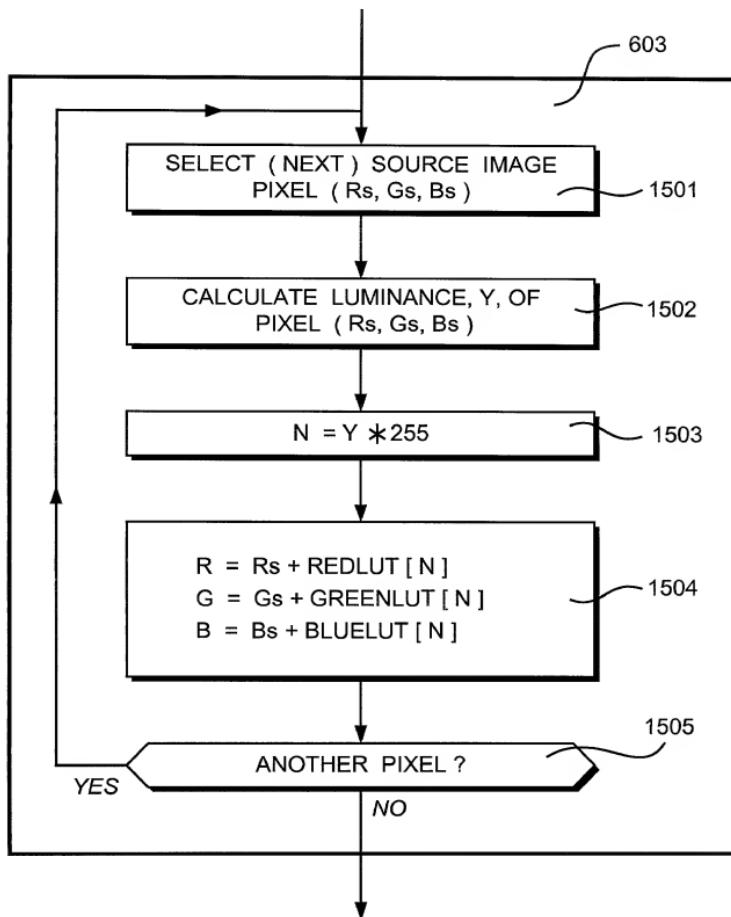


Fig. 15